

06/28/01  
JC860 U.S. PTO

Docket No.: 57454-160

UTILITY PATENT APPLICATION  
UNDER 37 CFR 1.53(b)

JC903 U.S. PTO  
09/892773  
06/28/01

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, DC 20231  
Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Shohei MORIWAKI, Yoshifumi AZEKAWA, Osamu CHIBA  
FOR: APPARATUS AND METHOD FOR DRAWING THREE DIMENSIONAL  
GRAPHICS BY CONTROLLING  $\alpha$  VALVE BASED ON Z COORDINATE  
VALVE

Enclosed are:

- ☒ 16 pages of specification, claims, abstract.
- ☒ Declaration and Power of Attorney.
- ☒ Priority Claimed.
- ☒ Certified copy of Japanese Patent Application No. 2000-361405
- ☒ 7 sheets of formal drawing.
- ☒ An assignment of the invention to Mitsubishi Denki Kabushiki Kaisha  
and the assignment recordation fee.
- ☐ An associate power of attorney.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☒ Information Disclosure Statement, Form PTO-1449 and references.
- ☒ Return Receipt Postcard
- ☐

The filing fee has been calculated as shown below:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	AMOUNT
Total Claims	19	-20	0	\$18.00	\$0.00
Independent Claims	3	-3	0	\$80.00	\$0.00
Multiple Dependent Claim(s)					\$0.00
Basic Fee					\$710.00
Total of Above Calculations					\$710.00
Less ½ for Small Entity					\$0.00
Assignment & Recording Fee					\$40.00
Total Fee					\$750.00



20277  
PATENT TRADEMARK OFFICE

- Respectfully submitted,

Gene Z Robinson

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 GZR:prp  
**Date: June 28, 2001**  
Facsimile: (202) 756-8087